

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

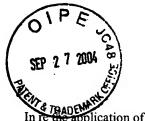
JFW 2862

Ahe The applica	ation of			)							
John E. Mercer					Examiner: Darrell C. Kinder						
John E. Mei Cei					) ) Art Unit: <b>2862</b>						
Serial No: 10/615,222					) Attornov Doctor DCI 9CIDIC3						
Filed: July 7, 2003					Attorney Docket: DCI-8CIP1C2						
For: TRACKING THE POSITIONAL RELATIONSHIP BETWEEN A BORING TOOL AND ONE OR MORE BURIED LINES AND METHOD						) Date: September 23, 2004 ) ) )					
CERTIFICATE OF an envelope address	sed to: Commiss	reby certify ioner of Pa	that this corresp tents, P.O. Box 1	ondence is being o 450, Alexandria, V	lepos /A 2	sited with 22313-145	the United States P 0 on September 23 Signed:	2	al Service 804. Beyer	as Errst Class Mail in	
P.O. Box 1450 Alexandria, VA 22313-1450											
SIR: Transmitt		s an Ame	ndment for the	e above applica	atio	n.					
X Sma No a	ll entity status additional fee card include	s of this a is require d	application unded.			.9 and 1	.27 has been es LL ENTITY	tab		ON- SMALL	
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Total Claims	* 18	Minus	**20	0		x 9	\$ 0		x 18		
Indep. Claims	* 1	Minus	*** 2	0	╛	x 43	\$ 0		x 86		
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Applicant(s) hereby Petition(s) for an Extension of Time of month(s) pursuant to 37 C.F.R. § 1.136(a).											
X Please charge my Deposit Account No. 19-1685 (Order No. DCI-8CIP1C2) the amount of \$ 55.00 to cover											
the additional claims fee. A duplicate copy of this sheet is enclosed.											
X The Commissioner is hereby authorized to charge payment of the following fees associated with this											
communication or credit any overpayment to Deposit Account No. <u>19-1685</u> (Order No. DCI-8CIP1C2) (a duplicate copy of this sheet is enclosed):											
Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of extra claims.											
Any extension or petition fees under 37 C.F.R. § 1.17.											
				Respectfully	sul	bmitted,	_				

Jay R Beyer

Registration No. 39,907

**PATENT** 



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In rethe application of	)
John E. Mercer	) Examiner: Darrell C. Kinder
3333 2333 233	) Art Unit: 2862
Serial No: 10/615,222	)
	) Attorney Docket: DCI-8CIP1C2
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For: TRACKING THE POSITIONAL RELATIONSHIP	) Date: September 23, 2004
BETWEEN A BORING TOOL AND ONE OR MORE	)
BURIED LINES AND METHOD	`

CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 23, 2004.

Jay R Beyer

Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

## Amendment A

Dear Sir:

The following amendments and remarks are intended as a full and complete response to the outstanding Office Action dated (mailed) June 23, 2004.